DAHLIAS.

The Summer reign-of flowers is past, Yet earth had beauty to the last Of autumn's shortening days; The pansy droops, the rose is gone, But on the borders of the lawn

With what a varied wealth of bloom
These fairest flowers of Autumn come;
Their velvet petals hold
Deep shades of countless flowers that blow
The rose's crimson, lily's snow,
The sunflower's royal gold.

They glow as if a Summer sun Shone through the heart of every one, As if a Summer breeze Were blowing over all the land, Yet Autumn's breath, and Autumn's ! Make bare the waving trees.

They glad the fresh October morn, As if with their bright lives were born A second Summer-time; As if all beauty of the yea-Were gathered up and lavished here, So perfect is their prime!

They come to us at Summer's close, In beauty stately as the rose When full of richest bloom; They wave with all the rose's grace, But in their splendor lies no trace Of roses' rare perfume.

Our life hath garlands like the year: The love and trust of children dear Are violets blue and white; The love and trust of ripening days, Youth's passion strong, love's glad amaze, Seem roses of delight;

Fair lilies crown a stainless few, And some wear roses, some wear rue, But all have youth's perfume; To each there comes a later day,

The dahlias bloom, a changeless type Of task-work finished, harvests ripe, And so life's Autumn flowers In their completeness still should hold And if in life's late flowers we miss

And if in life's tate a count's wild blass, the rose's perfume, youth's wild blass, we calmly let them go, And rather bless God as we gaze Upon the dahlias' steadfast blaze, For life's glad Autumn glow.

—All the Year Round.

THE DEAD MAGICIAN. A Philadelphia paper gives the fol-lowing account of the illness and death of the great magician and pianist, Rob-ert Heller: His true name was Palmer, of the great magician and pianist, Robert Heller: His true name was Palmer, he having assumed the name of Heller when he entered the business that has since made his name a household word. He was the son of an English clergyman, and came to this country about 20 years ago as the "advance agent" for Tom Taylor's play of "Our American Cousin." He first settled in Washington. He came to this city on Saturingten. He came to this city on Saturday, Nov. 23d, from New York, to fill a winter's engagement at Concert Hall. His last engagement previous to coming to Philadelphia was in Washington, two weeks ago. There he contracted a cold, and, when his engagement concluded, he went to New York for a week's rest. preparatory to opening in got very red and began to fidget, while the course of the "second that, if cyanide of potassium were thoroughly mixed with sal ammoniac, it would be as harmless as gunpowder mixed with sawdust, but would still remain equally available for all those purposes of photography for which it is at present absolutely indispensable. cluded, he went to New York for a week's rest, preparatory to opening in Philadelphia. On Monday night he gave his first performance here. He got through the first part all right, but immediately afterward was taken suddenly ill. The audience waited. Mr. Heller presently appeared, looking very pale. He stated that a sudden sickness had interfered in a measure with his of a wife was never finished, for, That letter was never finished, for, The letter was never finished, the letter was never finished, for, The letter was never finished, the l

o'clock, he still felt unwell, and sent for watch, much to his disgust. that upon his arrival he found him suf fering from a slight congestion of the lungs. While he did not think his case dangerous, he urged Heller to keep him-self quiet as possible, and advised him not to keep his engagement for Tuesday night, as he thought he would not be able to play. Heller could not think of disappointing the andience, and refused ig the audience, and refused to hear to the advice. He felt no fear of any thing dangerous. The Doctor prescribed for him and left. He advised again several times during the day, g his advice for him not to play on Tuesday night. It was 4 o'clock in the afternoon before he got Heller finally persuaded. At that hour he consentdictation, and signed by the Doctor, to be given to the press, to the effect that he could not play that night. He would not allow the certificate to cover was about the same, and still sanguine of being able to play last night. Dr. Getchell dissuaded nim from attempt-The outcome of it was an case of need, Dr. Getchell decided to remain with him all night. Dr. Da Costa then left. Miss Heller, the sister, Getchell, and a female attendant tinental people believed he would re-cover, and it was so noised about the house. At 12:05 Heller was seized with

The Memphis Relief Committee's

Work. another fit of vomiting. He said a word or two about the pain it caused him. In five minutes afterward he was a corpse. He passed away so suddenly his sister could not realize it for any substantial formula with the late epidemic, has furnished the first the late epidemic. time afterward. The Doctor, the sister, and the female attendant were with him a-hington, Mr. Heller discovered his titude for sleight-of hand tricks, and

parts of the world, and did not return

remarkable trick of "second sight," ch attracted a great deal of atten-

tion for some time. He gave exhibi-tions of his skill at the Fifth Avenue

Avenue Hall, on Twenty-fourth Street.

Chariton Courier. time of his death about 30 years the His gentle manner and quick repartee rendered him much coveted by dinnergivers, where his keen wit sparkled brighter than the wine that graced the festal board. Having a keen appreciation of the humorous, he was continually playing jokes. Among the many stories related of him is one concerning a recent visit of his to Boston. When he reached that city, it was dark and stormy, so he took a cab to the Parker House. On arriving at the hotel he refused to pay, and got into a wrangle with the cabby. Mr. Heller walked in-to the hotel, closely followed by the hackman, who loudly demanded his fare. The loud tones of the excited Jehn attracted the attention of a number of the guests, to whom Mr. Heller was known. Anticipating fun, they formed a circle around the twain, completely hedging them in. "I tell you I've paid you," said Mr. Heller. "No, I've paid you," said Mr. Heller. "No, you haven't," angrily exclaimed the cabman; "you can't play that dodge on me. Give me my fare or I'll have you arrested." "I tell you again," said Mr. Heller, "that I've paid your fare, and you have the money in your hat." "No I haven't," said cabby, positively, removing his hat and shaking it. "Why, you dishonest rascal, see there!" and Mr. Heller taking the hat from the cabman, produced a num-ber of \$5 bills in rapid succession, the cabman meanwhile looking at him in cabman meanwhile looking at him in open-mouthed wonder. "And you have not only the money in your hat, but your hair is full of bills." and Heller not only the money in your hat, but your hair is full of bills," and Heller pulled them out. Cabby stood dumb-founded a few minutes, when he cried, "You must be the devil!" and rushed wildly out of the hotel, but not before Mr. Heller had placed a \$5 note in his Another anecdote related of Heller is

that while traveling on a Western rail-road he noticed an old countryman and his wife. Stepping up to the old man he said: "I beg pardon, sir," and forthwith removed a live rabbit from the man's breast pocket. The man was speechless with surprise, but his wife, thoroughly frightened, began screaming and the whole car was in an uproar. Mr. Heller had to disclose his identity before order could be restored, and when it was known that he was on the train, the passengers from the other cars passed him in solemn procession,

Heller presently appeared, looking very pale. He stated that a sudden sickness had interfered in a measure with his plans that evening, but he would endeavor to go on with the performance. His sister, who assisted him, had also been taken sick, he announced, but would endeavor to help him through with the programme. The play went on. Heller was never finished, for, amid roars of laughter, the wife jumped up excitedly, caught her husband by nasty thing, come right home with me. As the couple were leaving the house, with the programme. The play went on. Heller was never finished, for, amid roars of laughter, the wife jumped up excitedly, caught her husband by nasty thing, come right home with me. As the couple were leaving the house, with the programme. The play went on. Heller was never finished, for, amid roars of laughter, the wife jumped up excitedly, caught her husband by nasty thing, come right home with me. As the couple were leaving the house, with the programme. The play went on. Heller was never finished, for, amid roars of laughter, the wife jumped up excitedly, caught her husband by the ear, and said, "John Henry," With these words he tasted the mixture, and was almost in an instant seized with the most violent and excruciating agonies. He at once implored his assistant to send for medical aid. Cyanogen, however, whether as prussic acid or cyanide of potassium.

# History of the Corset.

The corset had its origin in Italy, and was introduced from that country into the alchemists. France by Catherine de Medicis. Stuart and Diana Poitiers did not, how ever, follow the fashion, but it was adnitted by all the ladies of the French Court that it was indispensable tot he beauty of the female figure, and was, therefore, adopted by them. The corset was in those days in its infancy, and is a matter of scientific record. That it assumed more of the rough character of a knight's cuirass. The frame was fulminates, and more especially upon entirely of iron, and the velvet which decorated the exterior or hid a fright-was well known. How it precisely persuaded. At that hour he consent-id to allow a certificate to be drawn at state of things, so detrimental to health, and the cause of so much personal innce, not to say torture, could not last long, and the artisans of those days contrived to give more pliability though the Doctor urged it upon him strongiy. He expected to be out of bed on Wednesday. Yesterday morning he hearts of the fair wearers for a long time in its embrace. The corset found favor in the eyes of Louis XIV. In the ing it. The Doctor did not appre-hend any thing dangerous till 7 o'clock last evening. At that hour the patient was seized with a fit of vomiting, which prostrated him greatly. He began to sink rapidly. Dr. Getchell sent for Dr. Da Costa, and the and shepherdesses. But the painter detwo physicians had a consultation at 8 parted, and fashion returned to the prim eccentricities of the former times. agreement on the part of both that During the Revolution the corsets were Heller's condition was critical. Still, again forgotten, and under the Directothey did not expect that he would die ry it was completely interdicted by the during the night. To insure care in fashionable world. The belles of the day took a classic turn, the Roman dress—the toga, sandal, etc. The Empire dethroned the classic fashion, but pire dethroned the classic fashion, but without taking the corset in favor. High waists were in high favor, and la the devil had come suddenly and had

alanche a copy of his final report of the operations of that department. The toand the female attendant were with him tals are interesting, showing the mag to the last. The sister was almost wild nitude of the work performed under Mr. While a music teacher in Maccabe's capable supervision. The Mr. Heller discovered his fever was declared epidemic the latter portion of August, and about this time the labors of the Commissary Departhortly afterward gave public entershortly afterward gave public enter-tainments of legerdemain, which he varied with exhibitions of his skill as a pianist. Finding that his musical ex-hibitions dulled that nicety of touch that the "black art" demanded, he "cut out" the piano solos from his entertainments. From Washington he closed, the issue of rations was 295,190 to 41,109 persons. The grand totals Broadway, which was long known as are as follows: Number of persons who "Heller's Hall." While in this city his drew rations, 68,082; number of rations, skill as a "wizzard" made him very 745,735. Of bacon the total issue was skill as a "wizzard" made him very popular, and he always had full houses. In April, 1865, he sold his lease of the hall to Birch & Backus, of San Francisco ministrel fame, for \$5,000, and disappeared from New York. He was heard of at long intervals from different pounds. These were the leading artispand and drop propriet a shell, the hursting of an angle of the pounds. These were the leading artispand and drop propriet a shell, the hursting of an angle of the pounds. parts of the world, and did not return cles dispensed; and as the totals show, and drop upon it a shell, the bursting of which would kill every human being since, when he was accompanied by his daughter, with whose aid he performed daughter, with whose aid he performed trick of "second sight," business between the latter part of August and the 25th of October.—Memphis

-Wm. Lewis, brother of ex-United States Senator Lewis of Virginia, was drowned while fording the Shenandoah River at Port Republic. His colored heater, the Globe Theater and Fifth Last summer he spent in Europe, and returned to this city about a month ago, stopping at the Fifth Avenue Hotel, un-til Saturday last, when he went to Phildriver and pair of horses were also drowned.

al Saturday last, when he went to Phil-delphia.

—Lizzie Ripley, aged 5, was fatally burned at Columbus, O., by her clothes taking fire from a bonfire.

THE DANGERS OF CHEMISTRY.

Prof. Fischer's Fatal Experiment—The Fate of Sundry Early Alchemists—Dan-gers of Trifling With Nature's Secrets. [From the London Observer.] A most unfortunate accident which as occurred at Prague recalls, in many of its details and circumstances, the quaint traditions that were once preva-lent in regard to the mediæval alche-mists. Professor Fischer, of the Prague Gymnasium, a young man only 25 years of age and of the highest eminence in his profession-that of chemistry-has come to an untimely end under the most melancholy circumstances. No one needs to be told that cyanide of potassium, a drug largely used in pho tography, is a poison of the most dead-ly character. Its active ingredient is prussic acid. Prussic acid in its pure, or, as chemists would term it, "anhydrous" form, is a substance too danger drous" form, is a substance too dangerons to be kept or even manufactured.

If a glass capsule containing a wineglassful of pure prussic acid were broken in the pit of a theater, those among
the audience who were nearest the
doors might escape, but the great majority would be killed on the spot. The
prussic acid ordinarily sold and occasionally used for killing dogs and cats
contains about a drop of the pure acid contains about a drop of the pure acid to a quarter of a pint of water. Pure prussic acid no chemist dare keep. He might as well compress a ton of dyna-

the table. Cyanide of potassium is not, like prussic acid, volatile. It is a white powder, rather resembling flour or chalk. It is, however, so poisonous that a mere pinch of it, sprinkled over an open wound or sore, will cause al-most instantaneous death; that a frager to discover some means of rendering cyanide of potassium harmless. We c n do this with gunpowder—although the analogy is not strictly exact—the means employed with gunpowder being mechanical, while those for which Professor Fischer sought were chemical. We know what happens if a light is ap-

the alchemists.

We know now what will happen to any experimentalist if he dips blotting-paper in nitric-acid, washes it, dries it, and then incautiously treads upon it. What happened to the man who is be lieved—for his record perished with him—to have discovered fulminate of silver he was engaged in researches upon the was well known. How it precisely came about that he disappeared as he did will remain a matter of conjecture. There came one day a puff, a slight shock, and a slight noise as if some one inflated a paper-bag and then burst it between his hands. Of the Professor himself, of his laboratory, of his apparatus, and of much less within a radius of some yards, not a vestige or trace

So it used to be with the alchemiststhe heritors of the hidden wisdom of Bohne, and Roger Bacon and Albertus couple of substances of which he knows | fine her to her bed for some weeks. thing, and then bray them in a mortar. Common sulphur is harmless stuff enough, so is charcoal, so is niter; but let an ignorant man mix the three

and apply a light to them, and the re-sult will much astonish him. When of old an alchemist was reduced to fragments in this fashion our ficiently serious to call for his careful

off, the death of Professor Fischer has which takes the engineer years upon years to construct, the chemist can, in so many sixtieths of a second, reduce to

Chemistry has given us the balloon; it has put in our hands gunpowder, nitro-glycerine, dynamite, and above all, fulminate of gold—an explosive so terrible that if an ounce of it be left in a stoppered bottle its grains falling among themselves by their own weight will

within a mile of its range.

Then, too, chemistry has given us disinfectants. To the chemist we owe carbolic acid, chloride of lime and permanganate of potash. Chemists have taught us to disinfect our sewers and drains, to ventilate our houses, to burn gas instead of oil and to light our streets with what is more powerful than even gas itselfthe electric light. It is to chemistry, indeed, that we owe almost all the comforts of every-day life. But, on the other hand, the possibili-

ties of chemistry are almost too terrible a charm. Price, 25 cents.

sccess to a well-stored laboratory, carry away in a pill-box matter sufficient to lay London in ruins, or to poison the whole community of its inhabitants. The chemist can, as every school-boy knows, convert water into ice in the center of a red-hot crucible. He can onstruct a shell the size of a cricket ball which will explode the moment i touches the water and overwhelm in flames a hostile fleet. Indeed, the chemist reduces the world to its original and primal elements. For him, even more than for the engineer, nothing is impossible. And yet his power, vast as it is, is limited. He can more easily destroy than construct. He can take life, but he can not give it. He can level the city with the plain, but he can not build it again. He can ereste prussic acid, but he is ignorant of its antidote. He is like the fisherman who rashly opened the vessel sealed with the ring of Suleiman Ben Daoud. The

present stands any student can, if he have

## nature's secrets do so at their peril. The Indians and Their Dead.

A girl about 12 years old had died, and her relatives had appointed that evening as the beginning of her funeral. After death takes place in an Indian village the weeping and wailing take place immediately, and continue among the relatives in the wildest and most demonstrative manner for many days. The evening before it had reached its highest pitch the family of the dead girl had given away every thing they had possessed and were then engaged in pulling down the very lodge that shel
"Irish Stew of Mutton.—Cut a loin of mutton into chops; put them in water tered them, and cutting the buffalo robes that composed its sides into small chopped off some of her fingers with a butcher-knife and was being pounded by sympathizing friends to keep from fainting. Every body had their faces painted black and were moaning as only d fantastic lodges and weird faces of startling. When our party visited the camp in the morning the girl's will watch it evermore. Riding out from the dozen or so tepees that comprised the village, Mr. Hoyt and myself made a short cut across a curve in the trail and discovered a dead Indian on a platform of stakes about ten feet above the milk likewarm, beat up with it theyelk of the egg and the essence of lemon, and stir these to the flour, etc. Add the baking-powder, beat the dough well for about 10 minutes, divide it into the prairie. At first like all whites out here, we set out with the determination or cups, and bake to take what trophies might be on the 20 to 30 minutes. rack, but upon reading the prayer of his friends, written in English and pinned to one of the stakes that he night not be disturbed, as Yellowface, the dead man, had always helped the white man and was a friend of all who passed that way, we left the grave undisturbed. The Indian had only been there since April, and had his gun, tomahawk, knife and beaded ornaments all upon his person.—Montana Letter in Cleveland Leader.

## Misfortunes of a Female Tramp.

A special to the Courier-Journal from

Elizabethtown, Ky., says: A tramp unto delight his audience, and succeeded. Before the part came to a close, however, his illness increased, as was plainly apparent to the audience by his looks. The performance closed. Next morning (Tuesday) at 8 closed. Next morning (Tuesday) at 8 closed, be still felt unwell, and sent for closed. The performance of potassium, kills always of potassium, kills always of potassium, kills always of potassium, kills always instantaneously. In a few sector of potassium, kills always inst ed to board a running freight-train on the P. and E. Railroad at Nelson-creek hot solution of bleaching powder; on nesses of woolen cloth, and while held der the name of Frank Watson attemptreason to suppose that a deliberate suicide had been planned and carried out under the mask of experiment. On the this place last night, and he was taken contrary, there is every reason to be- to the boarding-house of W. D. Kennedy believe that the Professor has met the and medical aid summoned. An examfate which befell only too many of the ination developed also, to the satisfacearly chemists and their predecessors, tion of the attending physician, that the injured person was a woman. Your correspondent, learning this fact, called on the patient to-day and interviewed her in regard to her injuries, and how she came to be traveling in the garb of a man. I was the first to openly charge her with her right sex, and to the accusation she hung her head, and for a long time refused to reply, but finally told me of herself. She said her right name was Frances Watson, and that she was born in Lancaster, Pa. That her father was killed in the army, and that she claimed Toledo, Ohio, as her home, where her brother and sister now reside She claims to be but 16 years old, and certainly looks but little older. She is a well developed, round-featured wom-an, with small hands and feet, but bears evidence of exposure to all sorts of man, she says, so that she could make ducah and Elizabethtown Road to find Magnus. They were always blowing themselves up, or asphyxiating themselves with some noxious vapor. For a will be cared for at this place until she work, failing in which she was making man who knows nothing, or next to is able to walk, and then means will be nothing, of chemistry, it is a very dan-gerous game indeed to mix together a suited to her sex. Her injuries will con-

# The Chinese at Washington

Some queer stories are told of the Chinese Embassy now engaged in endeavoring to get used to the uncivilized ways of Washington society. A Washington letter says they are likely to be the social sensation of the coming season. They keep two servants in their were all that remained with him. The fits of vomiting were renewed frequently, and each time the patient was prostrated more and more. He suffered trated more and more. He suffered trated more and more rying off alchemists. We know not how it happened. If a man goes into a chemical laboratory and takes up a big beaker and pours into it the contents of down, and shivered all the night the first two bottles that are ready at his through on the outside of the coverlet hand, the probabilities t at he will be Another story which has better authorireduced to atoms on the spot are suf- ty is thus related: "The house they occupy was leased furnished, and when the legation took possession the furni-Apart from the sad fact that a young ture in the parlor was covered with man with a bright and brilliant future white linen wraps. There was a deal of before him should be thus suddenly cut talking when this furniture was examined. None of the Chinese liked it, and another moral. Chemistry—whatever in the end it was ordered away. White, Mr. Lowe may have to say in praise of civil engineering—is the science of the world and of the future. The bridge was backed up to the door of the big house on F Street, in which the legation lives, and a fair share of the furniture loaded on it, when tipping over a chair, the cover slipped from it, and the crim-son silk showed itself. The Chinamen saw it and ordered the furniture unloaded. The covers were taken off, and no further objection existed." Mr. Chin (or Pin, or whatever his distinguished name may be) greatly enjoys the attention he receives from the ladies of the Capital.

-Rev. Dr. John P. Gulliver, now of Binghamton, N. Y., but formerly of Boston, New York, Chicago, and other places, has accepted the new chair of "The Relationship of Christianity and Science," in Andover Theological Seminary. The professorship was endowed by a gift of \$50,000, and is believed to be the first of its kind in this country.

-Nothing can exceed the intense affection which a girl deals out to her father for a day or two before the time when she's going to ask for a new dress. cecommended for children. It cures Coughs, Colds, Croup, Sore Throat and Whooping

Cough. Is pleasant to the taste and acts like

HINTS FOR THE HOUSEHOLD.

to be contemplated. As the science at Cookies .- 1 cup of butter, 1 cup of sugar, 2 eggs, 1 teaspoonful of soda; bake'in a hot oven; they are very nice. Ginger Snaps .- 2 cups molasses, 1 cup of meat fryings; stir 1 tablespoon ful of soda and ginger in the molasses. Neapolitan Cake .- 1 pound of flour, 6 ounces butter, 2 ounces loaf-sugar, 2 ounces sweet almonds, finely pounded. Rub all well together, and mix it with 1 egg. Put it in a cool place to harden, then roll it out to a thin paste, and cut it with an oval quart mold; then bake the pieces in an oven. Whilst warm. place layers of different sorts of jam between layers of the paste. Ice it over with white of egg and sugar, and ornament to your taste.

Bread-and butter Pudding. - Butter your pie-dish well, and strew the bottom with currants and candied peel; then place alternate layers of bread and but ring of Suleiman Ben Daoud. The forces at his control are beyond his full, observing to have currants at the command; the powers he can evoke he can not lay. It is the old story of Cornelius Agrippa -those who trifle with eggs, flavored to taste, and bake in a moderate oven for about 20 minutes.

Brown Charlotte Pudding .- Butter s pudding-mold thickly, sprinkle brown sugar over the butter, and line the mold with slices of bread, thickly buttered; cut some baking-apples into slices, place them in the mold in layers, grated lemon-peel, candied citron, and orangepeel to taste, and a little sugar between each layer of apples; fill up the mold, cover it with a slice of bread, soaked in a little warm water, bake three hours in

Irish Stew of Mutton .- Cut a loin of of rich milk or cream in 12 Irish potapieces, while the mother of the girl had chopped off some of her fingers with a butcher-knife and was being pounded toes in a deep dish, and then put in the chops, and then the rest of the potatoes. Put them in the oven, and bake them a a grief-stricken Indian can. The woods over them a gravy made of the water in visited rolled in 1 tablespoon of flour.

Luncheon Buns .- 1 pound of flour, 6 the prairie. At first, like all whites out here, we set out with the determination to take what trophies might be on the 20 to 30 minutes.

Well for about 10 minutes, divide it into buttered tins breast downward, so that in either case there, we set out with the determination or cups, and bake in a brisk oven from 20 to 30 minutes.

As soon as the struggle is mainly end-

Removing Spots from Clothing .- The soap water; on colored woolen goods, soap water or ammonia; on silk, benzine, ether, ammonia, magnesia, chalk powder; on colored goods of cotton and wool, warm water or ammonia; same would offend the most fastidious eye. for silk; rub carefully. Vinegar, fruits, hot solution of bleaching powder; on colored goods of cotton and wool and on its back by an attendant, with a silk, ammonia. Rust, black ink-On white goods, solution of oxalic acid, or weak muriatic acid; on colored goods, either cotton or wool, wash repeatedly with lemon juice; no remedy for silk Tar, wagon grease-Soap, turpentine, jet of water, alternately; use benzine for silk instead of turpentine.

### ----FARM TOPICS.

THE FIRST LESSON IN DRIVING .-The young horse should be driven a few times in the harness—the trainer in front-and taught to turn to the right and left, to rein back, etc., before attaching to a wagon; use long reins, and possibly an assistant may be useful to show him what the reining means. Always use a light vehicle at first, as ing to a heavy wagon at this time. A "kicking-strap" should be fastened should be fastened over his rump from one shaft to anweather. She assumes the garb of a colt a few hundred yards, to encourage start a horse by word of mouth, rather than by touch of the whip, applies especially to the training period .- American Agriculturist.

PLANTING POTATOES DEEP .- Accounts of light yields of potatoes are re-ported from different sections, usually where heat and drouth have prevailed. When will the farmers learn to know that the potato requires moisture and coolness, and that it can not get these in hot, dry weather when near the surface, but finds them when well down in the ground? This is a safeguard against all weathers, including wet, if there is the good drainage which is demanded the tuber. It needs only a few inches deeper planting, and an entire change is effected, even in sandy soil, only here it requires more depth, and the potato will bear to be well put down. It will not bear to see the light, which poisons it; and if drouth is added, it robs it of its necessary humidity. This occurs in any soil to a greater or less extent; in sand, unless well mulched, the crop will be an entire failure. And yet sand is the soil for the tuber; but more pains must be taken than with other soil. Depth of planting, early planting and manure are the absolut necessities in our drouthy seasons, and will do no harm in a wet one .- Country Gentleman.

admirable conclusions are from the pen of Prof. Atwater, of Connecticut experiment station, and should be in every farmer's scrap-book inasmuch as we are working more and more toward the employment of commercial manures:

1. Potassium, the basis of potash compounds, is indispensable to the growth of all our cultivated plants. It has at least one specific office in the nu-trition of the plant, that of aiding in the formation of carbo-hydrates (starch). Without a plentiful supply of potash in available forms, full crops are

2. The German potash salts afford a present the cheapest and most available supply of potash for fertilizers. They supply also more or less of magnesis and sulphuric acid, which are essential ingredients of plant food, and some times deficient in our soils, and of sodium and chloride compounds, which latter may be beneficial or harmful according to the circumstances of their

3. The higher grades will be most profitable for use in this country, because they furnish the most potassium with the least admixture of inferior ma terials, on which costs of freight and handling must be paid. The chlorides (muriates), with 60-84 per cent. of chloride of potassium, and the sul-

phates, with 70 to 80 per cent. of sulphate of potash and magnesia, with 54-57 per cent. of sulphate of potash, are to be especially recommended.

4. For potatoes, sugar-beets or tobacco, the sulphates are preferable; for other crops, the chlorides, which are cheaper, are equally good.

5. In order to secure uniform diffusion through the soil, the potash salts should be applied as long as possible before the crop is sown. It is well to make the crop is composite before mix with earth, or to compost, before applying, especially if used shortly be-fore sowing the seed. And, in general, potash salts are well adapted for composting with muck, earth, stable-manure, phosphates, fish and the like.

6. The best results are generally obtained by using potash salts, not alone, but with other fertilizers, as superphosphates, guanos and fish. Mixtures of these latter with potash salt form "com-plete fertilizers." The proper use of The proper use of potash salts is as adjuncts to other fer-

7. From 200 pounds to 400 and 500 pounds per acre of the higher, and 300 to 600 pounds of the lower grades are appropriate quantities.

8. The question of the need of potash

in a given soil, can be best decided by actual trial. It will be generally advisable to test the question by experiments on a small scale before making large DRESSING TURKEYS .- Thousands of

dollars are wasted by the seller of turkeys each year for lack of system and care in dressing. A clean-picked, un-bruised bird will generally bring from two to five cents more a pound than one that lacks either of these seemly recommendations. An experience with these birds that reaches over quite a Irish Stew of Mutton.—Cut a loin of mutton into chops; put them in water and let stew for 1 an hour. Stir a cup of rich milk or cream in 12 Irish potathe turkeys are to be killed, and as early as convenient drive them into some convenient and easily accessible stable. Gather your turkeyless neigh-Put them in the oven, and bake them a light brown. When ready to serve, pour over them a gravy made of the water in hogshead tubs for the feathers, or one, which the chops were stewed. Season as you may need; and having set it unflickering glare of a large camp-fire, let it stew for 20 minutes, and then formed a picture at once grotesque and startling. When our party visited rolled in 1 tablespoonful of butter doors of your stable, and quietly seize a bird, and hold it so that in its strugfamily, weak from hunger and loss of sleep, were still keeping up the barbarous wake, although the corpse had been placed upon its havial solution. It is struggles to free itself from your grasp, shall not hit its body or wings against egg, 4 pint of milk, 1 dessert-spoonful of baking-powder, 5 drops of lemon. any hard substance. Then with your left hand take firm hold of the legs and ous wake, although the corpse had been placed upon its burial platform in some secluded spot on the prairie, where it is to be hoped the wild flowers and birds to be hoped the wild flowers and birds will watch it everyone. Biding out

ed, seize and pull out first the tail-feathers; then holding the bird on your following recipes are well recommended: Grease—On white goods, soap, water or alkalies; on colored goods, hot knees, never letting it touch the tub, smaller feathers, being particular not to tear the skin, and always bearing in mind that any rough handling may disor whites of eggs; lay the goods on clean bibulous paper and rub on the detergent with a clean sponge. Wine and fruit stains, red ink—On white goods, moisten the spot and expose it to the funes of bursing substant stains. This can be best done with the funes of bursing substant stains. fumes of burning sulphur, hot weak solution of cloride of lime or bleaching case allow the body to be laid aside as finished till every thing is removed that

When the bird is a little cooled, lay it -knife, ent a circ about the size of a two-cent piece, through which aperture remove carefully and completely the intestines, keeping all the fat attached to them back with the fingers of one hand, while the drawing is performed with the other. Then wipe the neck thoroughly, leaving not a particle and hardly a stain of blood; lay the turkey on its back in a cool place; the next morning draw the skin over the bone of the neck and tie it sirmly, and your bird is ready for market; and if well fattened will bring the largest price.- Exchange.

# Recipe for Parties.

The season for parties has arrived, and those who have it in mind to have many horses are made balky by hitch- some will thank us for publishing the following recipe, which we find in the Cincinnati Breakfast Table: "Take all the ladies and gentlemen you can get, other to prevent his heels hitting the wagon. If a colt hits nothing when he and stew them well; have ready twelve kicks, he will soon stop kicking. In starting off, some one should lead the colt a few hundred yards, to encourage in front from time to time; as the mixhim, and he should be patted when let ture thickens, sweeten with politeness a living. She claims to have worked for a Mr. Applegate, of Louisville, as a light makes a light mouth, and pleasant driving-horse." The well cheap; when all have stewed for an known important rule of practice, to hour, add ices, jellies, cakes, lemonades and wine."

> MR. HALLIKER, of South Hill, sent his boy to the grocery with a quarter to buy twenty cents' worth of cheese, and the boy came home without the nickel of change, and a smell of gumdrops on his breath. The skate-strap was produced and explanations dimanded. "Father," exclaimed ti noble boy, "don't whip me. If you don't want your funds forcibly abstracted, don't intrust the combination to a boy." -Burlington Hawk-Eye.

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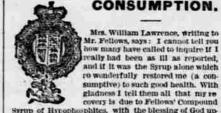
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